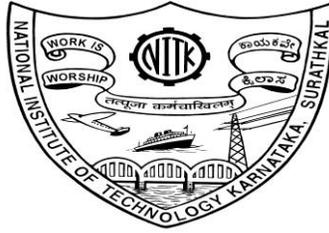


NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL

DEPARTMENT OF CIVIL ENGINEERING
 POST SRINIVASNAGAR, MANGALORE – 575 025 (D K)
 Phone: (0824) 2474000. Fax: (0824) 2474033
 E- mail: info@nitk.ac.in Website: <http://www.nitk.ac.in>



NOTICE INVITING QUOTATION

Notification. No: NITK / CED /OH35/IRG/2023-24/Rack/04

Dated: 01-08-2023

Name of Goods	Rack: Accessories for High End Server
Estimated Amount:	INR 1.00 Lakhs
Time for Supply of item after release of Purchase order	20 Days
Document Download / Sale Start Date	01-09-2023 05:00 PM
Clarification Start Date	01-09-2023 05:00 PM
Clarification End Date	14-09-2023 before 3.00 PM
Bid Submission Start Date	01-09-2023 05:00 PM
Last Date for submission of bids	18-09-2023 before 3.00 PM
Bid Opening Date	On or after 19-09-2023 3:00 PM
Address for Submission of bids	Professor and Head Civil Engineering Department NITK, Surathkal P.O Srinivasnagar Mangaluru, Karnataka - 575025 Contact Person:Dr. Pavan G S Assistant Professor Civil Engg Dept. NITK, Surathkal



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NOTICE INVITING QUOTATION (NIQ)

The National Institute of Technology Karnataka, Surathkal (in short – NITK, Surathkal) is an Institute Of National Importance Under Ministry of Education Govt of India, imparting Technical Education and engaged in Research Activities. It is proposed to procure the items for the departmental academic/research activities.

Sealed Quotations as per the Price Schedule given in this NIQ are invited for the following items subject to the terms and conditions, from the reputed manufacturers or its authorised dealers so as to reach on or before scheduled date and time. The quotations in the firm's Business letter head should be address to the "Director, NITK, Surathkal". The envelope shall be superscribed with the Quotation Notification Number and the Name of the Goods for which quotation is submitted.

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Sd/-
HOD

Note: Institute shall not be responsible for any postal delay about non-receipt /non-delivery of the bids or due to wrong addressee.

SECTION-1
Terms and Conditions

1. The rates should be quoted for preferably FOR destination from supply within India.
2. The bidder shall indicate the excise duty exemption for the goods if applicable.
3. The rate quoted should be on unit basis. Taxes and other charges should be quoted separately, considering exemptions if any. The rate should be quoted in INR only
4. Rate quoted should be inclusive of Testing, commissioning and Installation of equipment and Training.
5. Payment: No advance payment will be made. Payment will be made only after the supply of the item in good and satisfactory condition and receipt of performance security by supplier.
6. Guarantee/Warranty period should be specified for the complete period should be specified in section 3 of this tender document.
7. Period requirement for the supply and installation of item should be specified in section 3 of this tender document.
8. In case of dispute, the matter will be subject to Mangalore Jurisdiction only.

SECTION-2
SCHEDULE OF REQUIREMENTS, SPECIFICATIONS AND ALLIED DETAILS
[To be filled up by the Department / Centre of NITK, Surathkal]

Item(s) Name to be Procured : Rack: Accessories for High End Server

Brief Specifications of the Item(s)
(Attach Additional Sheet if necessary) : As per “**Annexure-1**” (Additional sheet attached)

Quantity : 01 No

Any other details / requirement : Installation should be done by the supplier

Warranty Period required : 01 Year

Delivery Schedule expected
after placement of Purchase order
(in Days) : 20 Days

SECTION 3
PRICE SCHEDULE

[To be used by the bidder for submission of the quotation]

-
1. Item Name :
 2. Specifications
(Conforming to Schedule of requirements
Enclose additional sheets if necessary) :
 3. Currency and Unit Price :
 4. Quantity :
 5. Item Cost (Sl No. 3 * Sl. No. 4) :
 6. Taxes and Other Charges :
(i) Specify the type of taxes and duties
in percentages and also in figures.
(ii) Specify Other Charges in figures.
 7. **Warranty Period** :
(Conforming to the Schedule of requirements)
 8. Delivery Schedule :
(Conforming to the Schedule of requirements)
 9. Name and address of the Firm for
placing purchase order :
 10. Name and address of Indian authorized
agent (in case of imports only) :

Signature of the Bidder: _____

Name and Designation: _____

Business Address : _____

Place:

Date:

Seal of the Bidder's Firm

SECTION 4
CONTRACT FORM

[To be provided by the bidder in the business letter head]

1. (Name of the Supplier's Firm) hereby abide by the delivery schedule mentioned in this document for supply of the items if the purchase order is awarded.
2. The item will be supplied conforming to the specifications stated in this document without any defect and deviations.
3. Warranty will be given for the period mentioned in this document and service will be rendered to the satisfaction of NITK, Surathkal during this period.

Signature of the Bidder: _____

Name : _____

Business Address : _____

Place :

Date :

Seal of the Bidder's Firm

Specifications for **Rack: Accessories for High End Server**

SL. No.	Description	Qty
Basic Rack		
1	42U Rack Frame/800X1000/Steel/NRS/ CKD Assembled/Casters Type 3/Black	1
2	Levellers	1
3	19" Adopter kit /42U/Loops/Black	1
4	Perforated Door/42/800/Convex/NRS/Black	1
5	Perforated Door/42/800/Dual/NRS/Black	1
6	Side Panels/1000/42U/Vented/NRS/Black	2
Rack Security & Access Control System		
7	Swing Handle /Mechanical Lock / Single Point / Common Key/Die Cast Metal	1
8	Swing Handle /Mechanical Lock / Three Point / Common Key/Die Cast Metal	1
1 Phase Power Distribution		
9	Server /IT Rack mount power distribution unit, 1Ph, 230V, 32A, 50/60Hz, Zero U standard with 12 X Indian Round Pin 5/15A, 16A MCB X 2 Circuits- PDU Rating 7.3KVA/Bottom feed-3Mt/ Black/ Inlet Plug Not Installed	2
Cable Management Accessories		
10	Horz. Cable Organiser/1U/ Channel On Front	1
11	Cable Basket/42U/300/Black	2
Accessories		
12	Shelf/1000/Black	1
13	Shelf/Key Board/19"Rty/1000/Black	1
14	Mounting Hardware-CR (Pack of 20)	1
Rack Cooling		
15	ITE / Server Rack Air Circulation module/Tower Mount/360CFM	1

1. General Requirements

- Rack should be designed to provide **Secure, Store, Streamline and Systemize IT Equipment's**
- Rack should have 100% assured compatibility with all equipment's conforming to **DIN 41494** (General Industrial Standard for equipment's) or Equivalent **EIA /ISO / EN** Standard
- The Rack should be 2115mm in height, 800mm in width and 1000mm in depth

2. Physical Specifications

- Rack should support static load of 750 kgs on Casters and 1250kgs on levelers/plinth.
- Rack should have front perforated Convex door
- Rack should have rear perforated dual door
- Rack should have 2 side panels and grounding and bonding accessories pre-installed by the manufacturer.

➤ 3. Equipment Access & Installation

- The Rack should have 42U usable space
- The Rack should have 4No's adjustable, 19" verticals with punched 10mm square hole and Universal 12.7mm-15.875mm-15.875mm alternating hole pattern offers greater mounting flexibility, with numbered U positions
- The OEM should include 20 No of Mounting hardware for equipment fixing.
- The front and rear doors should be easily detachable.
- The front and rear doors should open to allow easy access.
- The doors of the rack should be reversible such that it can be mounted on either side.
- The rack should have side panels which can be removed without using tools, using easy finger latches for fast access to cabling and equipment.
- Side panels should flush with the frame so the overall width of the unit does not change with the side panels installed.
- OEM should include ganging kits for coupling rack

4. Material Requirements

- All weight bearing components should be made from steel with a thickness not less than 1.6 mm, 19" equipment mounting angle should be 2.0MM and other parts not less than 1mm
- All sheet metal parts should be Pre-Treated and powder coated meeting ASTM Standard.

5. Grounding Requirements

- All enclosure components i.e. frame and door should be bonded together and to rack ground point
- OEM to provide rack ground point, Provision to further ground to Telecom Ground bus bar System
- Grounding and bonding as per UL Standards

6. Certifications, Environmental and Safety Requirements

- Racks should be manufactured by **ISO9001:2008, ISO14001:2004 & OHSAS18001:2007** Certified company and should have proper EHS Policy.
- Products must be **UL** Certified
- Manufacturer must certify that the products are **RoHS** Compliance

- Manufacturer must certify that the products are Comply DIN41494 and Equivalent EIA/ISO/EN /CEA Standard.
- The rack should comply minimum of IP 20 rating for protection against touch, ingress of foreign bodies and ingress of water.
- The enclosure should both protect the user from mechanical hazards and generally meet the requirements for a mechanical enclosure (stability, mechanical strength, aperture sizes, etc.) as defined in IEC 60950 Third Edition.

7. Ventilation and Thermal Management

- The unit should have ventilated front and rear doors to provide adequate airflow required by the major server and Network manufacturers.
- Provision to Fix Exhaust Fans / Fan Module on the top

8. Rack Power Distribution Units & Environmental monitoring

- Rack should have 2 No Power Distribution Units with 12 No 5/15A Socket with 32A Rating and 7.3 KVA PDU Rating

9. Cable Management

- Network Rack should have 100mm side cable management either side inside the rack
- Network rack should have 2 No 300mm cable basket for management of Vertical cables

10. Accessories

Shelving

- The manufacturer should offer shelves with the ability to support up to 100 kg of non-rack mount equipment.

11. Stabilization

- The unit should have four adjustable leveling feet to help provide a stable base in the event of an uneven floor surface and to prevent rolling.

12. Delivery & Installation

- The unit should be shipped fully assembled as one orderable Unit or CKD.
- The manufacturer should offer an inside-delivery shipping option which includes reasonable delivery to the inside of the building and removal and disposal of shipping material and packaging.

13. Warranty and Support

- The Products manufactured should provide warranty for 1 year from date of invoice the warranty does not cover wrong Usage or miss-handling the products.

- Electrical items such as Sockets, switches, fans etc. should have warranty for 1 year from date of installation.
- For malfunction of any units/item in the rack, the support should be provided within the next business day.

Warranty claim will be attended with in 2 or 3 working days